

MSDS - Material Safety Data Sheet

Product Name: Enzyme Cleaner, Liquid

MSDS No.: 039625

Part Numbers Covered:

032250 039601 039630
 034000 039602 039631
 034001 039603 039635
 034025 039611 041200
 034050 039612 041225
 034051 039625 041250
 039600

1. Basic Information:

Manufacturer: William H. Harvey Company
Address: 4334 South 67th Street
City, ST Zip: Omaha, NE 68117-1019
Emergency Contact: CHEMTREC
Emergency Telephone Number: (800)424-9300
Contact: Information Telephone Number
Information Telephone Number: (800)228-9681



Last Update: 12/01/2006 **Expiration Date:**
Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

1	Health
0	Flammability
0	Reactivity
X	Pers. Protection

2. Ingredients:

Trade Secret

CAS No.	Chemical Name	% Range	EHS	IARC	SARA	OSHA	ACGIH	Other
			NTP	SUB Z	313	PEL	TLV	Limits
Ingredients not listed are either non-hazardous or in concentrations of less than 1%.								
NA	Viable Bacterial Cultures	< 10%				NA	NA	NI

3. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

This product is not considered hazardous under normal conditions of use.

4. First Aid Measures:

Route(s) of Entry:

Absorption, Ingestion, Eyes

Health Hazards (Acute and Chronic):

MSDS - Material Safety Data Sheet

Product Name: Enzyme Cleaner, Liquid

MSDS No.: 039625

EYES: This product may cause eye irritation.

SKIN CONTACT: Could cause mild skin irritation after prolonged contact.

INHALATION: Not a likely route of entry. Inhaling mist from this product could cause irritation to the lungs and mucus membranes.

INGESTION: Ingestion may result in abdominal pain, nausea and vomiting.

Signs and Symptoms:

See Health Hazards above.

Medical Conditions Generally Aggravated by Exposure:

None known, however persons with respiratory problems should avoid breathing any mist from this product.

Emergency and First Aid Procedures:

EMERGENCY FIRST AID CALL: 1-877-740-5015

EYE CONTACT: Rinse eyes with water for fifteen minutes. See a physician if irritation persists.

INHALATION: Move person to fresh air and avoid breathing mist from this product. If breathing problems develop, seek medical attention.

SKIN CONTACT: Wash the product off the skin with soap and water; if irritation develops seek the care of a physician.

INGESTION: Watch victim for any signs of illness. Induce vomiting only if advised by a physician.

Other Health Warnings:

NI

5. Fire Fighting Measures:

Flash Point: NA

Lower Explosive Limit: NA

Upper Explosive Limit: NA

F.P. Method:

Fire Extinguishing Media: Water spray, carbon dioxide, dry chemical powder.

Special Fire Fighting Procedures:

None.

Unusual Fire and Explosion:

None known.

6. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state and local regulations.

7. Handling and Storage:

Precautions to be Taken:

MSDS - Material Safety Data Sheet

Product Name: Enzyme Cleaner, Liquid

MSDS No.: 039625

Store in a location away from children, food items and potable water.

Store in an area out of the direct sunlight, keep container closed when not in use, avoid storing in a damp environment.

Always wash hands with soap and water before handling food or smoking. Use good chemical hygiene practices when working with any chemical.

Other Precautions:

None.

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Normal room ventilation under normal conditions of use. If used in a manner that creates a mist, mechanical ventilation may be necessary.

Personal Protective Equipment:

RESPIRATORY PROTECTION: None required for normal use.

PROTECTIVE GLOVES: Recommended. Disposable nitrile exam gloves are suitable for preventing prolonged contact with the skin.

EYE PROTECTIONS: Safety glasses with side shields or splash goggles are recommended.

OTHER PROTECTIVE CLOTHING: None required, however, avoid prolonged contact with the skin from soiled clothing.

9. Physical and Chemical Properties:

Boiling Point: 212° C

Melting Point: NA

Evaporation Rate (Butyl Acetate = 1): = WATER

Vapor Pressure (mm Hg.): = WATER

Specific Gravity (H₂O = 1): 1.00100

Vapor Density (AIR = 1): = WATER

Solubility In Water: 100%

Appearance and Odor: Cloudy liquid, pleasant fragrance.

Other Information: pH = 7.5 - 9.0

10. Stability and Reactivity:

Stability:

Stable.

Incompatibility (Materials to Avoid):

Strong acids and alkali compounds may inactivate biological cultures

Decomposition/By Products:

None known.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

NDA

MSDS - Material Safety Data Sheet

Product Name: Enzyme Cleaner, Liquid

MSDS No.: 039625

12. Ecological Information:

NDA

13. Disposal Considerations:

Dispose of this product or its residues in accordance with all local, state, and federal requirements.

14. Transport Information:

TRANSPORTATION INFORMATION:

DOT PROPER SHIPPING NAME: N/A
DOT LABEL: N/A
DOT NUMBER: N/A
UN NUMBER: N/A
IMCO CLASS: N/A
DOT HAZARD CLASSIFICATION: N/A

15. Regulatory Information:

This product is not approved for sale in Canada

16. Other Information:

NI

MSDS - Material Safety Data Sheet

Product Name: Enzyme Cleaner, Liquid

MSDS No.: 039625

ABBREVIATIONS:

~ = Approximately
< = Less Than
> = Greater Than
ACGIH = American Conference of Governmental Industrial Hygienists
AIHA = American Industrial Hygiene Association
C = Degrees Celcius
Deg = Degrees
EPA = Environmental Protection Agency
F = Degrees Farenheit
HMIS = Hazardous Materials Information System
IARC = International Agency for Research on Cancer
NA = Not Applicable
NDA = No Data Available
NE = Not Established
NFPA = National Fire Protection Association
NI = Not Indicated
NIOSH = National Institute of Occupational Safety and Health
NTP = National Toxicology Program
OSHA = Occupational Safety and Health Administration

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided by the William H. Harvey Company without any warranty, expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable. Users should make their own investigations to determine the suitability of the information or products for their particular purpose.

The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, the William H. Harvey company does not assume responsibility and expressly disclaims liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.